

WOZNICKA, Wanda; KOWSZYK, Zuzanna; BOROWIECKA, Barbara; CHOJNOWSKI, Wawrzyniec;  
DOBRZANSKA, Roza; LUBINSKI, Olgierd; MAKAROWSKA, Zofia; NIEMCZYK, Hanna;  
PASZKIEWICZ, Alina; RUCZAJ, Zbigniew; SOBICZEWSKI, Wojciech; SZCZESNIAK,  
Tadeusz; SZENIAWSKI, Piotr; TERLECKA, Janina; WILK, Edyta; WITUCH, Krystyna

Alomycin; a new antifungal antibiotic. Med. dosw. mikrob. 9 no.4:441-450  
1957.

1. Z Zakladu Antybiotykow Panstwowego Zakladu Higieny w Warszawie.  
(ANTIBIOTICS, preparation of  
alomycin, fungicidal properties (Pol))

SOBICZEWSKI, Wojciech; PASZKIEWICZ, Alina

Antibacterial antibiotic produced by Streptomyces sp. 190/I. II. Production of speciomycin. Med. dosw. mikrob. 10 no.2:141-152 1958.

1. Ze Stacji Doswiadczalnej Badania Antybiotykow PZH i z Zakladu Antybiotykow PZH.

(ANTIBIOTICS, preparation of,  
speciomycin, from Streptomyces 190/I (Pol))

(STREPTOMYCES,  
190/I, prod. of speciomycin (Pol))

*Lebuczyński, Wojciech*  
KOTIUSZKO, Danuta; LUBINSKI, Olgierd; RUCZAJ, Zbigniew; RUSZCZYNSKI, Jan;  
SOBIECZEWSKI, Wojciech

Preparation of tetracycline (achromycis) by sub-surface fermentation of  
Streptomyces aureofaciens. Med. dosw. mikrob. 10 no.2:153-164 1958.

1. Z Zakladu Mikrobiologii i Zakladu Technologii Instytutu Antybiotykow  
w Warszawie.

(TETRACYCLINE, prep. of  
sub-surface fermentation of Streptomyces aureofaciens (Pol))  
(STREPTOMYCES,  
aureofaciens, sub-surface fermentation in tetracycline  
prod. (Pol))

SORICZEWSKI, Wojciech; RUCZAJ, Zbigniew; LUBINSKI, Olgierd

Preparation of chlortetracycline in quarter and semi-technical scale using a method of extraction by organic solvents with added detergents in alkaline media with precipitation with the aid of sodium chloride and acid aqueous solutions. Med. dosw. mikrob. 10 no.3:385-396 1958.

1. Z Zakladu Technologii Instytutu Antybiotykow w Warszawie.

(CHLORTETRACYCLINE, prep. of.

extraction by organic solvents with detergents in alkaline media & precipitation with sodium chloride & acid aqueous solutions (Pol))

SOBIEZEWski, Wojciech; LUBINSKI, Olgierd; RUGZAJ, Zbigniew

Isolation of chlortetracycline from fermentation brine using calcium salt precipitation method. Med. dosw. mikrob. 11 no.1:71-76 1959.

1. Z Zakladu Technologii Instytutu Antybiotykow w Warszawie.

(CHLORTETRACYCLINE, determ.

isolation from brine by calcium salt precipitation (Pol))

LUBINSKI, Olgierd; SOBICZEWSKI, Wojciech; SZHR, Wlodzimierz

Isolation of tetracycline from fermentation brine with the aid of extraction by organic solvents with detergents. Med. dosw. mikrob. 11 no.2:169-177 1959.

1. Z Zakladu Technologii Instytutu Antybiotykow w Warszawie.  
(TETRACYCLINE, chem.)

SOBICZEWSKI, Wojciech; SZER, Wlodzimierz; LUBINSKI, Olgierd

Isolation of tetracycline from the fermentation brine by means of  
a method of complex tetration of salts with cetylpyridine chloride.  
Med.dosw.mikrob. 12 no.1:99-106 '60.

1. Z Zakladu Technologii Instytutu Antybiotykow w Warszawie.  
(PYRIDINES chem.)  
(TETRACYCLINE chem.)

SOBICZEWSKI, Wojciech; SZER, Wlodzimierz

Stability of the preparations of tetracycline hydrochloride in aqueous solutions in relation to pH of the recrystallization of tetracycline hydrochloride. Med.dosw.mikrob. 12 no.1:107-112 '60.

1. Z Zakladu Technologii Instytutu Antybiotykow w Warszawie.  
(TETRACYCLINE chem.)

Stefanowski, Wojciech; Alchim, Stanislaw, prof. dr.

Preparation of some methylenetetrahydrofolate derivatives using  
Mannich's method. Polska Pol. pharm. 21 no.5:421-427 '64.

1. Z Zakładu Technologii Środków Leczniczych Akademii Medycznej  
w Warszawie (Biorownik Działu: prof. dr. T. Trzciński).

Sobolewski, Z.

Chemical Abst.  
Vol. 48  
Apr. 10, 1954  
Organic Chemistry

Pyrolysis of methyl 2-oxocyclopropanecarboxylate. S. Chudzyński  
and Z. Sobolewski. *Prace Glównego Inst. Przemysłu* 1954,  
25-32 (1952).—A method for the continuous production  
of  $\text{CH}_2=\text{CHCO}_2\text{Me}$  by pyrolysis of  $\text{MeCH}(\text{OAc})\text{CO}_2\text{Me}$  has  
been developed and is described in detail. 17 references.  
Edward A. Ackermann

SOBICZEWSKI, Z.

Chemical Abst.  
Vol. 48  
Apr. 10, 1954  
Organic Chemistry

Preparation of methyl 2-acetoxypropionate. A. Chudzynski, B. Krakowski, J. Kozłowski, and Z. Sobiczewski. *Prace Chem. Inst. Chem. Przemys.* 1954, 1, 100-102. Rpts. on the prepn. of  $\text{MeC(II)(OAc)CO}_2\text{Me}$  by acetylation of lactic acid in the presence of  $\text{H}_2\text{SO}_4$  or  $\text{HCl}$  as catalysts, and subsequent esterification with  $\text{MeOH}$  were unsuccessful. The purity of the lactic acid was found to be of great importance since it influences the yield of acetylation. 9 references. Edward A. Ackermann.

Sobieczewski Z.

661.718.5 : 547.245-113.07

3668

Rościszcwski P., Sobieczewski Z. Direct Synthesis of Methyl Chlorosilanes.  
 „Synteza Bezpośrednia metylochlorosilanów”. Przemysł Chemiczny.  
 No. 11, 1954, pp. 565-570, 2 figs., 7 tabs.

On the basis of accessible indigenous raw materials (ferrosilicon,  $\text{CH}_3\text{Cl}$ ), a method was worked out of direct synthesis of methyl chlorosilanes. It was found that: — 1) the quality of the silicon influences the course of synthesis and the results; 2) the best catalyst is about 10 per cent. of freshly reduced copper; 3) zinc influences the composition of the compounds increasing the M.T.S. content and reducing that of D.D.S. (M.T.S. = methyltrichlorosilane, D.D.S. = dimethyldichlorosilane); 4) the flow of methyl chloride obtained, amounts, according to present results, to 10 g. per hour for 100 g. Si; 5) with a sufficiently active contact mixture the synthesis can be effected at 280 to 300°C; 6) it is advisable to use hydrogen during the activation, since it lowers the temperature of the reaction, reduces the consumption of methylchloride, shortens the time of the experiment and shifts the compound towards the difunctional monomer — D.D.S.; 7) for liquefaction of the products, cooling of the post-reaction gases to a temperature below -15°C is essential; 8) the yield of crude mixture varies between 2.5 and 3 g. per 1 g. Si, the content of D.D.S. is between 15 and 30 per cent. or higher, and that of M.T.S. — between 40 and 60 percent.; 9) the degree of transformation of silicon attains 83 per cent. that of methyl chloride — 93 per cent.

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SOBICZEWSKI, Z.; ROSCISZEWSKI, P.

"Separation of Methyl Chlorosilanes and Insulation of Monomers", p. 570,  
(PRZEMYSŁ CHEMICZNY, Vol. 10, No. 11, Nov. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5,  
May 1955, Uncl.

SOBICZEWSKI, Zbigniew

Column with linear density gradient and its application for testing polymers. Polimery tworzyw wielk 7 no.6:208-210 Je '62.

1. Instytut Tworzyw Sztucznych, Warszawa.

SOBICZEWSKI, Zbigniew

Microhardness testing of hard polyvinyl chloride foils. Polimery  
tworz wielk 7 no.7/8:283-284 J1-Ag '62.

1. Instytut Tworzyw Sztucznych, Warszawa.

SOBICZEWSKI, Zbigniew; WAJNRYB, Marek

Density measurements of polymers in gradient tubes. Polimery  
tworz wielk 8 no.2:69-72 F '63.

1. Instytut Tworzyw Sztucznych, Warszawa.

SOBICZEWSKI, Zbigniew

Shrinkage measurements of gelled polyester resins. Polimery  
tworz wielk 8 no.6:244-246 Je '63.

1. Instytut Tworzyw Sztucznych, Zaklad Fizykochemiczny, Warszawa.

SOBICZEWSKI, Zbigniew

Dilatometric measurements of certain properties of polyformaldehyde. Pt.1. Polimery tworzyw wielk 8 no.7/8:295-299  
Jl-Ag'63.

1. Instytut Tworzyw Sztucznych, Warszawa.

SOBIECH, T.

Treatment of tetanus in the horse. Med. wet. 6 no.6:353-  
355 June 1950. (CJML 20:1)

1. Of the Clinic for Infectious Diseases of the Department  
for Veterinary Medicine of Wroclaw University and Polyclinic  
(Head--Prof. Zygmunt Markowski, M. D.).

SOBIECH, T.; WACHNIK, Z. (Wroclaw)

Presence of tubercle bacilli in the muscles of swine experimentally  
infected. Rocz nauk roln wet 70 no.1/4:154 '60. (EEAI 10:9)

(Mycobacterium tuberculosis) (Swine)

SOBIECH, Tadeusz (Wroclaw)

Influence of antiallergic remedies and anesthetics upon the intra-  
dermal reaction in the tuberculosis of hens. Rocz nauk roln wet 70  
no.1/4:167 '60. (EEAI 10:9)

(Poultry) (Tuberculin)

SOBIECH, T.; WACHNIK, Z.; MAGIEROWSKA, B. (Wroclaw)

Reaction of haemagglutination Middlebrook-Dubos in experimental  
tuberculosis in swine. Rocznik wet 70 no.1/4:167-168 '60.  
(EAI 10:9)

(Tuberculosis) (Swine) (Blood)

SOBIECH, Tadeusz (Wroclaw)

Significance of biological disinfection of the manure in cases of tuberculosis in cattle. Rocz nauk roln wet 70 no.1/4:171-172 '60.

(Tuberculosis) (Cattle) (Fertilizers and manures)

EAST GERMANY/POLAND

SOBIECH, Tadeusz, Professor, Dr., and WACHNIK, Zenon, Docent, Dr., of the Institute for Epizootiology at the University for Agriculture [original-language version not given] in Wroclaw, Poland (Head: SOBIECH, T.).

"Allergic and Serologic Investigations of Cattle from Areas Supplied by Urban Effluent Waters, Using Tuberculin from Atypical Mycobacteria"

Leipzig, Archiv fuer Experimentelle Veterinaermedizin, Vol 20, No 5, Nov 1966, pp 901-903.

Abstract: Cattle inhabiting areas supplied with urban effluent waters have a higher infection incidence from atypical mycobacteria than do cattle from areas not so supplied. The former show higher titers in the hemagglutination reaction in the autumn and the winter than in other seasons. The results of a series of allergic and serological tests were presented and discussed. 10 references, including 4 German, 1 Russian, 3 Polish, and 2 Western. (Manuscript received 25 Nov 1965).

1/1

SOBIECH, W., mgr.

Remarks on the paper "Nourishing value of new preserves produced  
by the domestic food industry." Przem spozyw 1/ no.1:59 Ja '62.

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GLAZYK, Andrzej, mgr inż., SOBIECH, Wojciech, mgr inż.

Radomsko Machine Works in Radomsko. Przegl mech 22 nr.7/8:  
1963. 12-16 Ap 1963.

1. Senior designer, Factory Design Office, Radomsko Machine Works,  
(for Glazyk). 2. Deputy Head, Factory Design Office, Radomsko  
Machine Works, Radomsko, (for Sobiech).

Subject, S.: MOTOR, W.

(1) location of the motorcycle (HL 175 model 11. Motor 11 no.2:  
50 12 14 162.

L 30041-66  
ACC NR: AP6008936 (A,N) SOURCE CODE: PO/0082/65/000/011/0070/0073  
AUTHOR: Sobieniecki, Włodzimierz (Commander, Doctor);  
Sadkiewicz, Adam (Lieutenant Commander, Doctor); 3/  
ORG: none B  
TITLE: Ergonomics in the navy  
SOURCE: Przegląd morski, no. 11, 1965, 70-73  
TOPIC TAGS: naval psychology, psychophysiology, psychologic stress,  
working condition, psychometry, behavior pattern, operations research  
ABSTRACT: The principle of ergonomics are discussed and the desir-  
ability of applying this science to the training of naval personnel  
is stressed. The wide range of problems with which ergonomics is con-  
cerned can be profitably studied aboard ship. Ergonomic research will  
make it possible to utilize the human factor in military service.  
SUB CODE: 6,05,15/ SUBM DATE: none/ ORIG REF: 004/ OTH REF: 002

Card 1/1

PO/0082/65/000/011/0070/0073

POLAND

AUTHOR: Sobieniecki, Włodzimierz (Commander, Doctor); Sadkiewicz, Adam  
(Lt. Commander, Doctor)

ORG: none

TITLE: Ergonomics in the navy

SOURCE: Przegląd morski, no. 11, 1965, 70-73

TOPIC TAGS: naval psychology, psychophysiology, psychologic stress, working condition, psychometry, behavior pattern, operations research

ABSTRACT: The principle of ergonomics are discussed and the desirability of applying this science to the training of naval personnel is stressed. The wide range of problems with which ergonomics is concerned can be profitably studied aboard ship. Ergonomic research will make it possible to utilize the human factor in military service.

1/1

SOBIEN-KOPCZYNSKA, S.

Hemodynamic collapse in acute infantile diarrhea, and morphological difference between peripheral and venous blood as its index.  
(CLML 22:2)  
Pediat. polska 27 no.2:157-184 Feb. 1952.

1. Of the First Pediatric Diseases Clinic (Head--Prof. St. Popowski,  
M. D.) of Lodz Medical Academy.

SOBIEN-KOPCZYNSKA, Stanislaw

Sandosten calcium in the treatment of bronchial asthma in children.  
Pediat. polska 34 no.8:1053-1060 Aug 59.

1. Z I Kliniki Chorob Dzieci A. M. w Lodzi Kierownik: doc. dr med.  
E. Wilkoszewski.  
(ANTI-HISTAMINICS, ther.) (ASTHMA, ther.)

GOLEBIEWSKA, M.; KOSZANSKA, J.; SOBIEN-KOPCZYNSKA, S.

A case of cured mycosis of the tonsils and lungs. *Pediat. polska*  
35 no.3:309-313 Mr '60.

1. Z I Kliniki Chorob Dzieci A.M. w Lodzi, Kierownik: doc. dr  
med. E. Wilkoszewski.

(MYCOSIS in inf. & child)

(TONSILS dis.)

(LUNG DISEASES in inf. & child)

(NYSTATIN ther.)

SOBIEN-KOPCZYNSKA, Stanislaw; KOCOTOWA, Anna

A case of chronic glomerulonephritis in a 5-year-old girl. Pediat.  
polska 35 no.7:801-804 J1 '60.

1. Z Kliniki Chorob Dzieci A.M. w Lodzi Kierownik Katedry: prof.  
dr med. F.Redlich Kierownik Kliniki: doc. dr med. K.Sroczyński.  
(GLOMERULONEPHRITIS in inf & child)

LIPINSKA-PIOTROWSKA, I.; SOBIEN-KOPCZYNSKA, St.; TOMCZYK, Z.

Quick's hippuric acid test in children with rheumatic disease.  
Pediat polska 36 no.3:263-268 '61.

1. Z I Kliniki Chorob Dzieci A.M. w Lodzi Kierownik Katedry:  
prof. dr med. Fr. Redlich Kierownik Kliniki: doc. dr med.  
K. Sroczyński.

(LIVER FUNCTION TESTS in inf & child)  
(RHEUMATIC FEVER diag)

SOBIEN-KOPCZYNSKA, S.; LIPINSKA-PIOTROWSKA, I.; LAMBERT, I.; TOMCZYK, Z.

Lipoproteins in rheumatic disease in children. *Pediat Pol* 37 no.2:  
121-127 F '62.

1. Z I Kliniki Chorob Dzieci AM w Lodzi Kierownik Katedry: prof. dr  
med. Fr. Redlich Kierownik Kliniki: Doc. dr med. K. Sroczynski.

(LIPOPROTEINS blood)  
(RHEUMATIC FEVER blood)

SOBIEŃSKI - WYBIEG A. W. W. W. W. W.

Observations in a summer camp for asthmatic children. Led. at.  
Vol. 39 no. 1781-1785-1788 1964

i. Z. 1 Kliniki Chorob Dzieci Akademii Medycznej w Warszawie  
(Kierownik: prof. dr. med. h. Szwedzinski).

EXCERPTA MEDICA Sec 16 Vol 7/1 Cancer Jan 59

417. *Giant-cell tumours of the maxilla* Guzy olbrzymokomórkowe szczeki górnej.  
SOMENIECKI W. Klin. Otolaryngol. A. M., Gdańsk *Otolaryng. pol.* 1958, 12 1 (59-65)  
Illus. 4

Description of 2 cases both in young women and both treated with conservative surgical excision of the tumour alone. Giant-cell tumours of the maxilla belong to the rarest neoplasms of this region.

SOBIEPAN, Jerzy

A letter from Iraq: dwelling construction in Iraq. Architektura Pol  
no.11/12:477-478 '61.

SORIEPAN, W.

The problem of dust removal during steel processes. p. 200

PROBLEMY PROJEKTOWE HUTNICTWA. (Biuro Projektow Przemyslu Hutniczego, Biuro Projektow Przemyslu Stalowego i Biuro Projektow Przemyslu Metalowego) Gliwice, Poland, Vol. 6, no. 7, July 1958

Monthly list of East European Accession (EEAI) LC., Vol. 9, No. 1, Jan 1960

Uncl.

SOBIEPAN, Witold .

Efficiency of Martens furnace and methods for its improvement.  
Problemy proj hut maszyn 10 no.1:11-15 Ja '62.

1. Biprohut, Gliwice.

SOBIEPAN, Witold

Calculation of the metal charge of oxygen converters.  
Problemy proj hut maszyn 10 no.6:188-191. Je '62.

1. Biprohut, Gliwice.

SOBIERAD, Stanisława (Stalinograd, Jordana 19. m.4)

Cutaneous changes in typhoid fever. Polskie arch. med. wewnetrz.  
23 no.4:513-523 1953.

1. Z Oddziału skorno-Wenerycznego Szpitala No.6 w Stalinogrodzie.  
(TYPHOID FEVER, physiology,  
\*skin)  
(SKIN, in various diseases,  
\*typhoid fever)

NOBIS, Wladyslaw, mgr. inz.; SOBIERAJ, Jerzy, mgr. inz.

Model studies of the taking up of water from the river intake  
in the bay. Archiw hydrotechn 9 no.1:61-73 '62.

1. Instytut Budownictwa Wodnego, Polska Akademia Nauk,  
Gdansk, ul. Majakowskiego 11.

SOBIERAJ, Jerzy

Phenomena of local erosion near a cofferdam, in the light of  
model tests. Rozpr hydrotechn no.11:73-96 '62.

JASIEWICZ, Romuald, dr inż.; RADZIKOWSKI, Adam, doc. dr inż.; MANTHEY, Tadeusz, dr inż.; PIETKA, Zenon, dr inż.; KAJETANOWICZ, Zbigniew, prof. dr inż.; MAJEWSKI, Wojciech, mgr inż.; KORDAS, Bolesław, mgr inż.; JACENKOW, Bolesław, mgr inż.; ZMIGRODZKI, Zbigniew, prof. dr inż.; MIKUCKI, Zygmunt, doc. dr inż.; SOBIERAJ, Jerzy, mgr inż.

Discussions on papers and communications. Rozpr hydrotechn no.12: 49-64 '62.

1. Technical University, Warsaw (for Jasiewicz, Zmigrodzki, Mikucki).
2. Technical University, Szczecin (for Radzikowski).
2. Research Institute of Hydraulic Engineering, Polish Academy of Sciences, Gdansk (for Manthey, Majewski, Jacenkow, Sobieraj).
4. State Hydrological and Meteorological Institute, Warsaw (for Pietka).
5. Technical University, Krakow (for Kajetanowicz, Kordas).

POBISKAJ, Jerzy, mgr inż.

Stipulation of water affluence in a bored well conditioned  
by the water-bearing layer. Archiw hydrotech 11 no.3:  
201-219 '64.

1. Design Office for Maritime Constructions, Gdansk.

Wojcik, Leszek, mgr inż.; Michalski, Józef, mgr inż.; Kozłowski, Franciszek,  
mgr inż.

Laboratory studies on artificial colmatage of an earth dam  
and the bottom of a water reservoir. Gosp wodna 23 no.12:  
Suppl. Bull inst bud wodn PAN 4 no.10.479-480 1963.

BARAN, Leszek, mgr inż.; SOBIECHAJ, Jerzy, mgr inż.; SOMINSKI,  
Franciszek, mgr inż.

Laboratory investigations on artificial siltation of earth  
dams and water reservoirs. Cosp wodna 23 no. 10:399-401  
O '63.

SOBIEPAJ, K.

K. SobiepaJ. "Modern Methods in Constructing Electric Railways by the Polish State Railways," Przegląd Kolejowy Elektro., Jul 50.

SOBIERAJ, Kazimierz, mgr inż.

New type of rectifier units for electric railroad substations.  
Przegl kolej elektrotech 14 no.1:12-19 Ja '62.

PIOREWICZ, Jerzy, mgr inz.; <sup>J</sup>SOBIERAŃSKI, Eugeniusz, mgr inz.

Averages and utilization of wooden fender beams in the ports of  
Danzig and Gdynia. Tech gosp morska 13 no.5:142-144 My '63.

1. Instytut Budownictwa Wodnego, Polska Akademia Nauk, Gdansk.

SOBIERANSKA, Janina; SOBIERANSKI, Stanislaw (Lodz, Nawrot 1)

Diagnosis of female genital tuberculosis by means of flotation method. Gin. polska 25 no.1:61-73 Ja-Mr '54.

1. Za Szpitala Polozniczo-Ginekologicznego im. dr H.Wolf.  
Kierownik: dr W.Galczyński.  
(TUBERCULOSIS, FEMALE GENITAL, diagnosis,  
\*cytol., flotation method)

SOBIERANSKA, Janina; SOBIERANSKI, Stanislaw (Lodz, Nawrot 1)

Diagnosis of female genital tuberculosis by means of flotation method. Gin. polska 25 no.1:61-73 Ja-Mr '54.

1. Za Szpitala Polozniczo-Ginekologicznego im. dr H.Wolf.  
Kierownik: dr W.Galczyński.  
(TUBERCULOSIS, FEMALE GENITAL, diagnosis,  
\*cytol., flotation method)

SOBIERANSKI, Stanislaw

Up-to-date method of determining fertile and nonfertile days  
of a woman. Gin. polska 27 no.6:767-783 Nov-Dec 56.

1. Lodz, Jelinskiego la.  
(OVULATION, determination  
by basal body temperature (Pol))  
(BODY TEMPERATURE  
basal, determ., as aid to determ. of ovulation (Pol))

SOBIERANSKI, Stanislaw; LEWY, Mirosław; PIECHOWIAK, Zbigniew

Dilatation of the cervical canal in the interruption of pregnancy  
by means of modified active dilator of Sobieranski. Gin. polska  
32 no.2:245-250 '61.

1. Z I Kliniki Położnictwa i Chorob Kobiectych A.M. w Łodzi Kie-  
rownik: prof. dr J. Sieroszewski  
(ABORTION THERAPEUTIC)

SOBIERANSKI, W.

"Technical Progress in the Construction of Absorbers used in the Production of Hydrochloric Acid." p. 34 (Chemik Vol. 7, no. 2 Feb. 1954 Katowice.)

Vol. 3, no. 6  
SO: Monthly List of East European Accessions./Library of Congress, June 1954, Uncl.

SOBIERAŃSKI, WACŁAW

Industrial application of silica of organic origin. Wacław Sobierański. *Chemik* 10, 234-7(1957).—S. discusses diatomaceous earth and siliceous earth derived from sponges (I). Poland has only deposits of I. The best deposits are in Piotrowice near Zawichost. They are 2-5 m. below the surface and are calcd. to contain 2-3 million tons. Their compn. is:  $\text{SiO}_2$  90.10,  $\text{Fe}_2\text{O}_3$  2.31,  $\text{Al}_2\text{O}_3$  4.02,  $\text{CaO}$  0.94,  $\text{MgO}$  0.24, loss on calcining 2.07%, and  $\text{SO}_2$  in traces. The application of I from Piotrowice is in the paper and rubber industries (as a white filler), for impregnation with catalysts (supports) for the Fischer-Tropsch synthesis, for insulation mixts., for prepn. of acid-resistant cements, water glass, for the prepn. of a mixt. for cleaning crude  $\text{C}_2\text{H}_5$ , for attrition mixts., for packaging bottles with acidic or caustic liquids, and for the prepn. of blotting paper. P. I. H.

P/014/60/039/009/001/011  
A224/A026

AUTHOR: Sobierafski, Wacław

TITLE: Technical Progress in the Polish Chemical Industry in the Light of  
Its Cooperation with the USSR

PERIODICAL: Przemysł Chemiczny, 1960, Vol. 39, No. 9, pp. 535 - 536

TEXT: The author stresses the importance of the Soviet help and cooperation in the expansion of the chemical industry in Poland. Among others, the following installations have been built or expanded with Soviet assistance: Fabryka Karbidu (Carbide Plant), annual output 200,000 tons carbide, in the Zakłady Chemiczne Oświęcim (Chemical Works in Oświęcim); Zakłady Gliwickie (Gliwice Works) producing activated carbon. Nadodrzańskie Zakłady Przemysłu Organicznego (Organic Compounds Works in the Odra River Region) producing phenol; Fabryka Saletry Amonowej (Ammonium Nitrate Plant) in Kędzierzyn; and the Janikowskie Zakłady (Janikowo Works) producing soda ash. A refinery and petrochemical works are under construction in Płock. The works will process Soviet crude oil supplied to Płock by a 4,000-km pipeline under construction from Kuybyshev. The annual output of these works will amount to 5.3 million tons of fuel, lubricants,

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F/014/60/039/009/001/011  
A224/A026



Technical Progress in the Polish Chemical Industry in the Light of its Cooperation with the USSR

asphalt, petroleum coke, and about 400,000 tons of various chemical products.

ASSOCIATION: Ministerstwo Przemysłu Chemicznego (Ministry of Chemical Industry)

Card 2/2

SECRETARIAT (WFO), A.

In the Volhynia forests.

P. 29 (WOJESKO LUKALC) (Warsaw, Poland) No. 2, Feb. 1958

30: Monthly Index of East European Accessions (EEAI) LG Vol 7,  
No. 5, 1958

SOBIESIAK, Ryszard; LESZCZYNSKA, Halina; KACZOREK, Maria; HOFFMANN,  
Przemyslaw M.

Two-stage desorption of hydrogen sulfide from deposit waters.  
Przem chem 41 no.9:508-510 S '62.

1. Zaklad Przerobu Siarki i Pochodnych, Centralne Laboratorium  
Siarki i Kopalin Chemicznych, Warszawa.

KACZOREK, Maria; LESZCZYŃSKA, Halina; SOBIESIAK, Ryszard; HOFFMANN,  
Przemysław M.

Absorption of the postaeration gases from hydrogen sulfide deposit  
waters on ferric hydroxides. Przem chem 41 no.9:513-517 S '62.

1. Zakład Przerobu Siarki i Pochodnych, Centralne Laboratorium  
Siarki i Kopalin Chemicznych, Warszawa.

SOBIESIAK R.

Purification of water from regions of sulfur deposits. I.  
P. Hoffman, H. Leszczyńska, A. Pleśner, M. Kaczorek, R.  
Sobiesiak, and B. Hoffman (Inst. Kwasu Siarkowego i  
Nawozów Fosforowych, Warsaw). *Przemysł Chemicz.* 13,  
395-4 (1957) (English summary). (Water contg. 170 mg./l.  
of H<sub>2</sub>S was blown with air in a scrubber (10 m. high). When  
the pH of water was 2 the H<sub>2</sub>S was removed.)

7

dropped to 4 mg/l. //

SOBIESKA-CLAR, Helena

KURDZIANOWSKI, Jan; SOBIESKA-CLAR, Helena

Vesicular kerato-conjunctivitis as a reaction to BCG vaccination.  
Pediat. polska 29 no.4:401-404 Ap '54.

1. Ze Szpitala Miejskiego w Elblagu. Dyrektor: dr med. T. Starosciak.  
(BCG VACCINATION, complications,  
\*keratoconjunctivitis)  
(KERATOCONJUNCTIVITIS, etiology and pathogenesis,  
\*BCG vacc.)

1955, 1.

"Wave 1," a high pressure hydrogen generator, its action and operation. p. 141.

1955, 1. (Wydawnictwo Inżynierów i Techników Mechaników Polskich i Instytut Techniczny) Warszawa, Poland. Vol. 2, no. 7/8, July/Aug. 1955.

Monthly List of East European Acquisitions (FEAT) LI, Vol. 4, no. 2, Feb. 1956

1956.

SOBISKI, Franciszek, inż.; KATLEBOWSKA, Irena

The Cellulose and Paper Works in Wloclawek are heading toward modern techniques. Przegl techn 84 no.50:5,8 15 D '63.

K

POLAND/Optics.

Abs Jour: Referat Zhur-Fizika, 1957, No 4, 10521

Author : Sobieszczanska, Jadwiga

Inst : Not Given

Title : Relative Coefficient of Transmission of a Monochromator

Orig Pub: Pomiar, automat., kontrola, 1956, 2, No 7, 262-264

Abstract: When passing light, resolved by means of a monochromator of the Wadsworth type, through a second similar monochromator, the coefficient of transmission  $\tau$  of the second monochromator was measured in the visible portion of the spectrum. All measurements were relative to the value of  $\tau$  at  $\lambda = 5600$  A. Investigation was made of beams polarized both on the plane of incidence, as well as perpendicular to the plane. The general analysis of the method and the experimental conditions are given. The results of the measurements are presented in the form of a graph.

Card : 1/1

Referat Zbur - Fizika, No 12, 1956, 35916  
Poland/Optics - Physiological Optics, K-9

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 35916

Author: Sobieszczanska, Jadwiga

Institution: Light Absorption of Protective Glass

Original  
Periodical: Przegl. techn., 1956, 77, No 2, Biul. glownego urzedu miar, 1-2;  
Polish

Abstract: None

Card 1/1

SOBIESZCZANSKA-RADOSZEWSKA, Lucja

A case of foreign body in the retropharyngeal space in a 9-year-old boy. Otolaryng. pol. 16 no.4:633-636 '62.

1. % Kliniki Laryngologii Dziecięcej Instytutu Matki i Dziecka w  
Warszawie Dyrektor Instytutu: prof. dr med. B. Gornicki Kierownik  
Kliniki: doc. dr med. J. Danielewicz.  
(NECK) (PHARYNX) (FOREIGN BODIES)

KUBICZ, Stanislaw; SOBIESZCZANSKA-RADOSZEWSKA, Lucja

A case of aneurysmal cyst of the ethmoids and frontal bone in an 8-year-old boy. Otolaryng. pol. 16 no.4:665-669 '62.

1. Z Kliniki Otolaryngologii Dziecięcej Kierownik: doc. dr med.  
J. Danielewicz i Zakładu Radiologii Kierownik: doc. dr med. S. Kubicz  
Instytutu Matki i Dziecka Dyrektor: prof. dr med. B. Gornicki.  
(BONE CYST) (ETHMOID BONE) (FRONTAL BONE)

POTYRALA, Boleslaw; ~~SOBIESZCZANSKA-RADOSZEWSKA~~ Lucja; URBANSKA, Izabela.

Studies on hearing in children. Otolaryng. pol. 17 no.4:  
377-379 '63.

1. Z Instytutu Matki i Dziecka i z Kliniki Otolaryngologii  
Dziecięcej .Kierownik: lek. D.Borkowska-Goertig.

DANIELEWICZ, Jan; BORECKA, Danuta; SOBIESZCZANSKA-RADOSZEWSKA, Lucja

Role of acute nasal catarrh in the etiology of angina in children. Otolaryng. pol. 17 no.4:469-470 '63.

1. Z Instytutu Matki i Dziecka (dyrektor: prof. dr.med. B.Gornicki) i z Kliniki Otolaryngologii Dziecięcej (kierownik: doc.dr.med. J.Danielewicz) oraz z Zakładu Immunologii (kierownik: prof. dr. med. F.Groer).

\*

29281  
P/032/61/008/005/004/004  
D265/D311

24.4200

13271151

AUTHOR:

Sobieszczański, Jarosław (Warsaw)

TITLE:

The strength of the circular ring stiffener  
reinforcing cylindrical shell

PERIODICAL: Archiwum budowy maszyn, v. 8, no. 3, 1961, 317-346

ABSTRACT: The mutual interaction between the radial and tangential stresses of the ring stiffener and the cylindrical shell are considered in this analysis which assumes the flexural rigidity of the ring and the shell to be of a similar order of magnitude. The analysis of stresses and strains is based on the assumptions that the externally applied forces which act in the ring planes cause the ring to bend along one of its principal axes of the cross-section and the ring stiffens the infinitely long cylindrical shell halfway along its length. The theory of the bending of shells is applied throughout. The resultant externally applied loading acting at a point of the stiffener's circumference is resolved into radial and tangential components expressed by Fourier series -

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D265/D317

The strength of the circular ...

$$p_{\varphi} = \sum_{m=0}^{\infty} p_{\varphi 01}(m) \cos m\varphi + \sum_{m=0}^{\infty} p_{\varphi 02}(m) \sin m\varphi, \quad (1)$$

$$p_r = \sum_{m=0}^{\infty} p_{r 01}(m) \cos m\varphi + \sum_{m=0}^{\infty} p_{r 02}(m) \sin m\varphi, \quad (2)$$

These equations are analyzed for various harmonics: For  $m = 0$ , and  $m = 1$  and for  $m \geq 2$ . The Maxwell-Mohr system of equations is used and the amount of contribution of the ring and the shell to the strength of construction is ascertained. The coefficients of the Maxwell-Mohr's equation are also represented by formulae and this equation is analyzed in order to find the amplitude of the bending moment acting on the shell, introducing thus the coefficient of relief  $\lambda$ , in terms of which a simplified solution to this problem is provided. Maximum values for stresses are given for the ring and the shell. The above-described analysis is supported by the numerical

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D265/D317

The strength of the circular ...

cal solution given for an example. It is found that a considerable error is introduced by considering the simplified equivalent section (about 40 %). There are 17 figures, 3 tables and 5 references: 4 Soviet-bloc and 1 non-Soviet-bloc.

SUBMITTED: December 1960

Card 3/3

X

POLAND/Physiology of Plants. Mineral Nutrition.

I-4

Abs Jour: Ref. Zhur-Biologiya, No 1, 1958, 1171.

Author : Sobieszczanski, J.

Inst : Wroclaw Department of Agricultural Microbiology.

Title : A Device for Investigating the Influence of Microorganisms  
on Plant Nutrition.

Orig Pub: Acta microbiol.polon., 1956, 5, No 1-2, 109-111.

Abstract: In the Wroclaw Department of Agricultural Microbiology a device has been constructed for the sterile cultivation of plants. Under a glass cover, hermetically joined to an aluminum base, there are four small jars for cultivating plants in sand. In the cover, above the level of the jars, are four apertures to which glass tubes are connected and which are used for sowing the seed, watering the plants, and supplying them with sterile air.

Card : 1/1

-7-

80137 5000 100 100 100  
BALICKA, N.; SOBIESZCZANSKI, J.

Soil as a bacterial filter in agricultural utilization of city sewage.  
Acta microb. polon. 6 no.3:269-287 1957.

1. Z Katedry Mikrobiologii Rolnej Wyzszej Szkoły Rolniczej we Wrocławiu.  
(SEWAGE,  
soil irrigation & role of soil as bact. filter (Pol))  
(AGRICULTURE,  
irrigation with sewage (Pol))

BALICKA, N.; SOBIESZCZANSKI, J.

Effect of soil on *Escherichia coli* in sewage. Acta microb.<sup>3</sup> polon  
6 no.3:289-292 1957.

1. Z Zakładu Mikrobiologii Rolnej Wyższej Szkoły Rolniczej we Wrocławiu.  
(*ESCHERICHIA COLI*  
in soil, survival after irrigation with sewage (Pol))  
(SEWAGE,  
soil irrigation, *E. coli* survival (Pol))  
(AGRICULTURE,  
irrigation with sewage, survival of *E. coli* (Pol))

BALICKA, Natalia; SOBIESZCZANSKI, Jerzy

Area irrigated with sewage. Its hygienic and sanitary evaluation.  
VIII. Effect of roots of some plants and their microflora on  
Escherichia coli. Acta microbiol. pol. 10 no.4:469-472 '61.

1. Z Katedry Mikrobiologii Rolnej Wyzszej Szkoły Rolniczej we  
Wrocławiu.

(SEWAGE microbiol)  
(PLANTS)

(ESCHERICHIA COLI)  
(SOIL microbiol)

GOLEBIEWSKA, J.; KOBUS, J.; MALISZEWSKA, W.; SOBIESZCZANSKI, J.; STRZEMSKA, J.

Dynamic aspect on the development of some groups of microorganisms  
in the soil, Roczniki nauk rolniczych 84 no.1:1-13 '61.

1. Zakład Mikrobiologii, Instytut Uprawy, Nawożenia i Gleboznawstwa,  
Pulawy i Katedra Mikrobiologii Rolniczej, Wyższa Szkoła Rolnicza,  
Wrocław.

SOBIESZCZANSKI, Jerzy

Contemporary microbiological problems in the U.S.S.R. Postepy nauk  
roln 9 no.5:121-132 S-0 '62.

1. Katedra Mikrobiologii Rolniczej, Wyzsza Szkola Rolnicza, Wroclaw.

OBINZ... Nial, Jersey

Active biological substances originating from microorganism and experiments of applying them in agriculture. Postepy mikrobiol 2 no. 1 1963-1968 '63.

1. Department of Agricultural Microbiology, College of Agriculture, Krakow.

BALICKA, Natalia; SOBIESZCZANSKI, Jerzy

Role of microflora for the recultivation of waste areas  
left after the completed mining of brown coal in Turoszow.  
Rocz nauk roln rosl 88 no. 3:711-722 '64.

1. Department of Agricultural Microbiology, College of  
Agriculture, Wroclaw.

SOBIESZCZANSKI, Jaroslaw (Warszawa)

Strength of a circular frame reinforcing a cylindrical shell.  
Archiw bud masz 8 no.3:317-346 '61.

SOBIESZCZANSKI, Jaroslaw

Influence of friction against the foundation on the phenomenon of self-compensation of a heating network. Archiw bud masz 11 no.3:515-535 '64.

1. Department of Strength of Materials and Constructions of the Technical University, Warsaw.

SOBIESZCZANSKI, Jaroslaw, dr inz.

Stresses and deformations of a refracted roll envelope.  
Przegl mech 23 no. 19:572 10 0 '64.

1. Department of Material Strength and Structures, Technical  
University, Warsaw.

WILCZKOWSKI, Andrzej; mgr inz.; SOBIESZCZANSKI, Maciej; mgr inz.

Methods of testing the cooperation of brake systems of road  
trains by using electronic instruments. Techn motor 15 no.3:  
89-90 Mr '65.

SOBIESZCZANSKI, Piotr

Cold resistance of varieties of winter cereals. Postepy nauk  
roln 10 no.5:99-106'63.

SOBIESZCZANSKI, Stanislaw

Lighting of freight control stations. Przegl kolej mechan  
14 no.6:188-189 Jo '62.

SOBIESZCZANSKI, Stanislaw, mgr inz.

Reprofiling of wheel sets without dismantling. Przegl kolej  
mechan 13 no.5:145-149 My '61.

SORTOWANIE, 7.

Combustion-engine traction.

P. 262 (Przegląd Kolejowy Mechaniczny. Vol. 4, no.9, Sept. 1956, Warszaw, Poland)

Monthly Index of East-European Acquisitions (FEAI) LC. Vol.7, no. 2, February 1958

MARCHELEWICZ, Janusz, mgr inz.; SOBIESZCZANSKI, Stefan, mgr inz.

The problem of covering the deficit of reactive power in distant  
and heavily loaded high-voltage networks. Energetyka Pol 13 no.11/12  
Biuletyn:37-39 N-D '59. (EEAI 9:7)

1. Zaklad Systemow Energetycznych, Katowice  
(Electric networks)

SOBIESZCZANSKI, Stefan, Mgr. inz.; MICHNOWICZ, Juliusz, Mgr. inz.

Some costs per unit in the economic calculation of passive power.  
Pt. 1. (To be contd.). Energetyka Pol 15 no.6, Biuletyn:22-24  
Je '61. (EEAI 10:9)

1. Zaklad Sieci Elektrycznych, Katowice.

(Electric power)

SOBIESZCZANSKI, Stefan, mgr. inz.; MICHNOWICZ, Juliusz, mgr. inz.

Some costs per units in the edonomic calculation of passive power.  
Pt. 2. Biuletyn. Energetyka Pol 15 no.8:25-26 Ag '61.

1. Zaklad Sieci Elektrycznych, Katowice.

(Electric power)

SOBIESZCZANSKI, Stefan, mgr.inz.; MICHNOWICZ, Juliusz, mgr.inz.

Changeability of some indicators of distribution networks. Pt. 1.  
(To be contd.). Energetyka Pol 16 no.8:Suppl.: ~~Biul~~ Inst Energ  
4 no.7/8:29-32 Ag '62.

1. Zaklad Sieci Elektrycznych, Instytut Energetyki, Warszawa.

SOBIESZCZANSKI, Stefan, mgr inż.; MICHNOWICZ, Juliusz, mgr inż.

Variability of certain indices of distribution networks. Pt. 2.  
Energetyka Pol 16 no.10: Suppl: Biul energetyki 4 no,9/10:35-37 0 '62.

1. Zakład Sieci Elektrycznych, Instytut Energetyki, Warszawa.

SOBIESZCZANSKI, S., mgr inz.; MICHNOWICZ, J., mgr inz.;  
SKONIECZNY, J., mgr inz.

A certain aspect of selecting voltage 15 or 20 kv.  
Energetyka Pol 18 no. 2: Supplement: Biul inst  
energet 6 no. 1/2 8 F '64.

SOBIESZEK, Wieslaw

On the functional equation  $f(x) = \max_{0 \leq y \leq x} (F[g(y), h(x-y)] + f[a(y) + b(x-y)])$ . Prace matem Krakow no.7:49-52 '62.

SOBLESZEK, Wieslaw

The application of dynamic programming to the solution of external problems. Prace matem Krakow no.7:53-65 '62.

Sobik, Jan

KOBIELA, Jan; SMOLAGA, Jerzy; SOBIK, Jan

Critical and experimental studies on morphology of the material excreted from the female breast. I. Morphological components of the excreted material from the female breast. Polski tygod. lek. 9 no.23:705-708 7 June 54.

1. Z Zakładu Medycyny Sadowej A.M.w Krakowie; kierownik prof. dr Jan Olbrycht.

(BREAST, anatomy and histology,  
morphol. of excretions)